

Rec'd PCT/PTO

14 APR 2005

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-054398

(43)Date of publication of application : 27.02.2001

(51)Int.Cl.

C12Q 1/37

C12N 9/50

C12N 9/99

C12Q 1/26

G01N 33/68

(21)Application number : 11-231259

(71)Applicant : ASAHI CHEM IND CO LTD

(22)Date of filing : 18.08.1999

(72)Inventor : TAKATSUMA TAKUJI

## (54) SELECTIVE FRAGMENTATION OF PROTEIN

## (57)Abstract:

PROBLEM TO BE SOLVED: To selectively fragmentize a protein for the clinical diagnosis, etc., by adding a protease and a specific protein selective protease inhibitor to a specimen liquid and fragmentizing the proteins other than the specific protein.

SOLUTION: A protease and a protease inhibitor (e.g. protein G and/or protein A) selective to a specific protein such as globulin component are added to a specimen liquid containing a globulin component, a protein other than the globulin component, etc., to fragmentize the proteins mainly other than the specific protein such as globulin component. The protein can be selectively fragmentized by the process usable for the determination of saccharizing protein important for the diagnosis and control of diabetes, etc., and usable for clinical examination, etc.

## LEGAL STATUS

[Date of request for examination] 12.03.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]